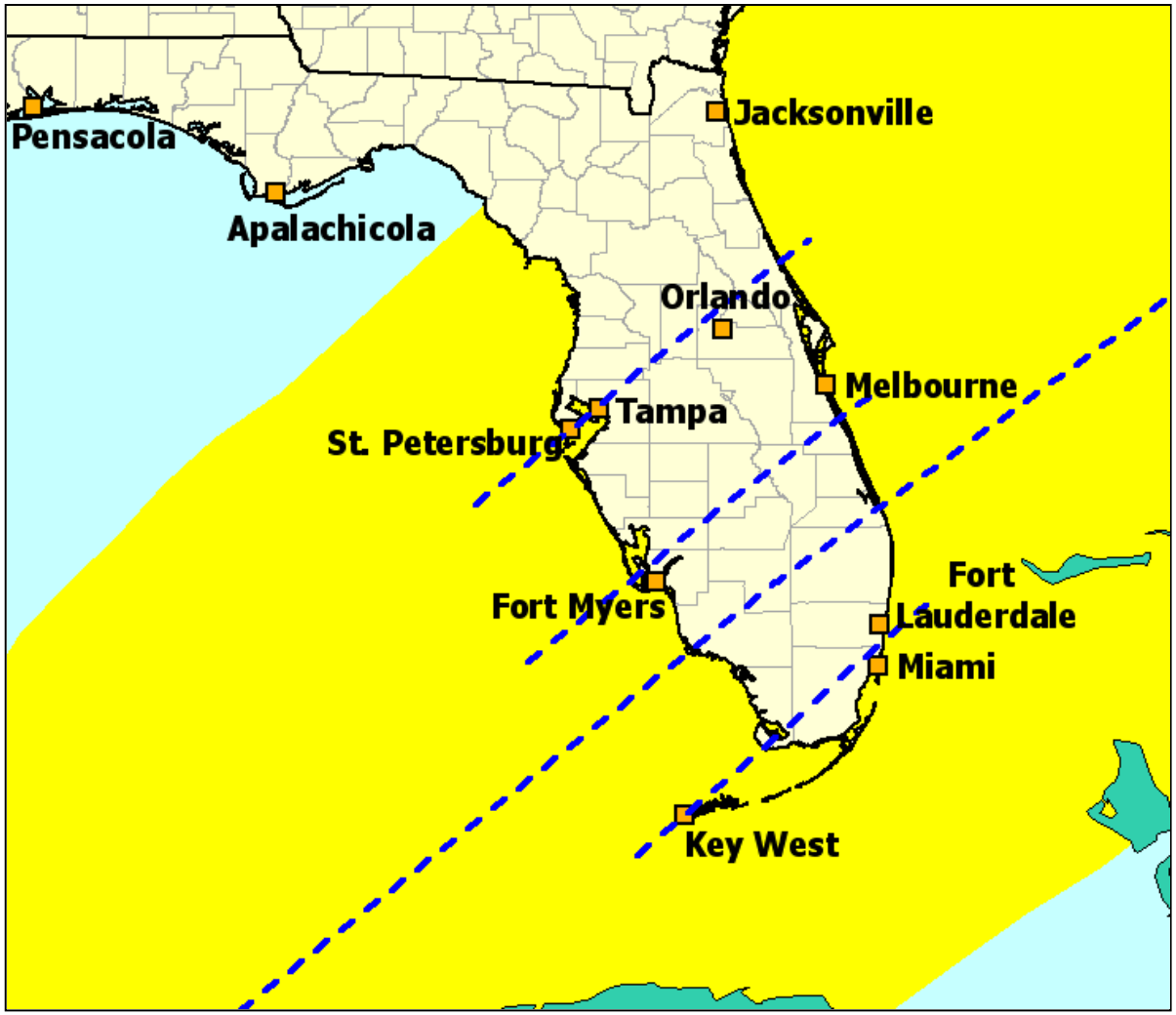
Hurricane Wilma Model Results

Landfall Expected Within About *72* Hours

For Official Use Only!



Probable Landfall Zone

Information provided on the this page displays **possible hurricane tracks** based on information from the **National Hurricane Center (NHC)**. All possible tracks include hurricane force winds to the Atlantic coast. These projections are based on information from the NHC (1100 – 10/20/2005) forecast and modeled for a **CAT 3** look ahead storm.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

urricane Wilma 3-Day Model

Generated By: Terry Siemsen and Paul Deatrick
Generated Date: 1200 EDT 10/20/2005

Sources:
HURREVAC
LRL-DEBRIS

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Values Provided For Planning Purposes

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	Debris	Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
					Commodity Trucks	Within Hurricane Force Winds	
	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Day 1-3 Total	Population	Households
Key West - Miami Track	10,000,000	50	100	150	300	2,525,000	894,000
Naples Track	2,500,000	33	33	33	99	410,000	170,000
Fort Myers Track	12,000,000	50	69	69	188	864,000	358,000
Tampa - St. Petersburg Track	36,000,000	50	100	150	300	3,195,000	1,332,000

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

	Temporary Roofing	Temporary Housing	Hospitals	Police Stations	Fire Stations	Schools
Key West - Miami Track	23,000	3,000	41	93	30	683
Naples Track	16,000	2,000	4	22	18	104
Fort Myers Track	19,000	9,000	10	24	26	193
Tampa - St. Petersburg Track	59,000	21,000	45	84	63	866

*Assumption for critical facilities is the number of facilities inside projected hurricane force winds - no buffer used.

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